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K.H.
5/14/01

Sheet 1 of 2

INFORMATION DISCLOSURE CITATION PTO-1449	ATTY. DOCKET NO. A-66398-1/RMA	SERIAL NO. 09/724,663
	APPLICANT Duluk Jr. et al.	
	FILING DATE November 28, 2000	GROUP Technology Center 2600

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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
HN	4,945,500	31 Jul 90	Deering	364	522	11/20/89
HN	4,970,636	13 Nov 90	Snodgrass et al.	364	518	1/23/89
HN	5,083,287	21 Jan 92	Obata et al.	395	126	7/14/89
HN	5,402,532	28 Mar 95	Epstein et al.	395	122	9/30/94
HN	5,574,836	12 Nov 96	Broemmelsiek	395	127	1/22/96
HN	5,684,939	4 Nov 97	Foran et al.	395	131	8/8/96
HN	5,710,876	20 Jan 98	Peercy et al.	395	126	5/25/95
HN	5,767,859	16 Jun 98	Rossin et al.	345	434	
HN	5,828,378	27 Oct 98	Shiraishi	345	422	5/31/96
HN	5,854,631	29 Dec 98	Akeley et al.	345	419	11/22/95
HN	5,864,342	26 Jan 99	Kajiya et al.	345	418	6/27/96
HN	5,880,736	9 Mar 99	Peercy et al.	345	426	1/20/97
HN	RE 36,145	16 Mar 99	DeAguiar et al.	345	511	11/16/95
HN	5,920,326	6 Jul 99	Rentschler et al.	345	503	
HN	5,949,424	7 Sep 99	Cabral et al.	345	426	2/28/97
HN	5,977,977	2 Nov 99	Kajiya et al.	345	418	6/27/96
HN	6,002,410	14 Dec 99	Battle	345	513	8/25/97
HN	6,167,486	26 Dec 00	Lee et al.	711	120	11/18/96



Sheet 2 of 2

FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>HN</i>	Watt, "3D Computer Graphics" (2nd ed.), Chapter 4, Reflection and Illumination Models, p. 89-126						
<i>HN</i>	Foley et al., "Computer Graphics - Principles and Practice (2nd ed. 1996), Chapter 16, Illumination and Shading, pp. 721-814						
<i>HN</i>	Lathrop, "The Way Computer Graphics Works" (1997) Chapter 7, Rendering (Converting A Scene to Pixels), pp. 93-150						
<i>HN</i>	Peercy et al., "Efficient Bump Mapping Hardware" (Computer Graphics Proceedings, Annual Conference Series, 1997) pp. 303-306						
EXAMINER <i>Harper</i>			DATE CONSIDERED <i>04/18/2001</i>				

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Complete if Known

Application Number	09/724,663
Filing Date	November 28, 2000
First Named Inventor	DULUK, JR. et al.
Group Art Unit	2671
Examiner Name	Not Yet Assigned
Attorney Docket Number	A-66398-1/RMA

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Date Considered

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Complete if Known

Application Number	09/724,663
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Group Art Unit	2671
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Examiner Name	Not Yet Assigned
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Attorney Docket Number	A-66398-1/RMA
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Sheet

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of

3

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner
Signature**

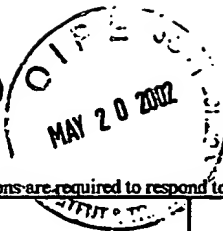
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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/724,663
Sheet		1	of	3	Filing Date November 28, 2000
					First Named Inventor DULUK, JR. et al.
					Group Art Unit 2671
					Examiner Name Not Yet Assigned
					Attorney Docket Number A-66398-1/RMA

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
HN	1	4,783,829		Miyakawa et al.	11/1988	
HN	2	5,123,085		Wells et al.	06/1992	
HN	3	5,448,690		Shiraishi et al.	09/1995	
HN	4	5,455,900		Shiraishi et al.	10/1995	
HN	5	5,481,669		Poulton et al.	01/1996	
HN	6	5,579,455		Greene et al.	11/1996	
HN	7	5,596,686		Duluk, Jr.	01/1997	
HN	8	5,664,071		Nagashima	09/1997	
HN	9	5,699,497		Erdahl et al.	12/1997	
HN	10	5,767,859		Rossin et al.	06/1998	
HN	11	5,798,770		Baldwin	08/1998	
HN	12	5,841,447		Drews	11/1998	
HN	13	5,850,225		Cosman	12/1998	
HN	14	5,860,158		Pai et al.	01/1999	
HN	15	5,889,997		Strunk	03/1999	
HN	16	5,949,428		Toelle et al.	09/1999	
HN	17	5,990,904		Griffin	11/1999	
HN	18	6,002,412		Schinnerer	12/1999	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ² (if known)			

Examiner Signature	<i>Stamp</i>	Date Considered	04/18/2005
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